



IFWO

RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/10/782,021

TIME: 09:25:36

Input Set : A:\PC25700A.ST25.txt

Output Set: N:\CRF4\07212004\J782021.raw

3 <110> APPLICANT: Pfizer, Inc.
 4 Katugampola, Sidath Dhammika
 6 <120> TITLE OF INVENTION: TREATMENT OF HYPERTENSION
 8 <130> FILE REFERENCE: PC25700A
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/782,021
 C--> 10 <141> CURRENT FILING DATE: 2004-02-19
 10 <150> PRIOR APPLICATION NUMBER: 60/454,052
 11 <151> PRIOR FILING DATE: 2003-03-12
 13 <160> NUMBER OF SEQ ID NOS: 6
 15 <170> SOFTWARE: PatentIn version 3.2
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 1197
 19 <212> TYPE: DNA
 20 <213> ORGANISM: homo sapiens
 22 <400> SEQUENCE: 1

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27 gacgcctggc tcgtgccgct cttcttcgcc gcgtgatgc tgctgggcct ggtggggaac	180
29 tcgtgtgtca tctacgtcat ctgccgccac aagccgatgc ggaccgtgac caacttctac	240
31 atcgccaacc tggcgccac ggacgtgacc ttcctcctgt gctgtgtccc cttcacggcc	300
33 ctgctgtacc cgtgcccgg ctgggtgctg ggcgacttca tgtgcaagtt cgtcaactac	360
35 atccagcagg tctcggtgca ggccacgtgt gccactctga ccgccatgag tgtggaccgc	420
37 tggtagctga cgggtgtccc gttgcgcgcc ctgcaccgcc gcacgccccg cctggcgtg	480
39 gctgtcagcc tcagcatctg ggtaggtctt gcggcggtgt ctgcgcgggt gctcgcctg	540
41 caccgcctgt caccggggcc gcgcgcctac tgcagtgagg ccttccccag ccgcgcctg	600
43 gagegcgcct tcgactgta caacctgctg gcgtgtgacc tgctgcgcgt gctcgcacc	660
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74 gatgcctggc tgggtgccct gtttttcgct gccctaagt tgcgtggggct agtcgggaac	180

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76 tcaactgggtca tcttcggttat ctgccgccac aagcacatgc agaccgtcac caatttctac 240
78 atcgctaacc tggcgccac agatgtcact ttccttctgt gctgcgtacc cttcaccgcg 300
80 ctectctatc cgtgcccac ctgggtgctg ggagacttca tgtgcaaatt cgtcaactac 360
82 atccagcagg tctcggtgca agccacatgt gccactttga cagccatgag tgtggaccgc 420
84 tggtagctga ctgtgttccc gctgcgtgca cttcaccgcc gcaactccgc cctggccctg 480
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112 <211> LENGTH: 1191
113 <212> TYPE: DNA
114 <213> ORGANISM: Mus musculus
116 <400> SEQUENCE: 3
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147 gcctacgcgg tcaagatctg ggctcactgc atgtcctaca gcaactcggc gctcaatccg 960
149 ctgctctatg ccttctctggg ttcacacttc agacaggcct tctgcccgtg gtgcccctgc 1020
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153 actgtgcgc acagccgtgc tgcgcacct gtgcggatca ggagcccga gctgggaac 1140
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159 <211> LENGTH: 398
160 <212> TYPE: PRT
161 <213> ORGANISM: Homo sapiens
163 <400> SEQUENCE: 4
165 Met His Thr Val Ala Thr Ser Gly Pro Asn Ala Ser Trp Gly Ala Pro
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173 Pro Val Pro Ser Pro Arg Ala Val Asp Ala Trp Leu Val Pro Leu Phe
174          35          40          45
177 Phe Ala Ala Leu Met Leu Leu Gly Leu Val Gly Asn Ser Leu Val Ile
178          50          55          60
181 Tyr Val Ile Cys Arg His Lys Pro Met Arg Thr Val Thr Asn Phe Tyr
182 65          70          75          80
185 Ile Ala Asn Leu Ala Ala Thr Asp Val Thr Phe Leu Leu Cys Cys Val
186          85          90          95
189 Pro Phe Thr Ala Leu Leu Tyr Pro Leu Pro Gly Trp Val Leu Gly Asp
190          100         105         110
193 Phe Met Cys Lys Phe Val Asn Tyr Ile Gln Gln Val Ser Val Gln Ala
194          115         120         125
197 Thr Cys Ala Thr Leu Thr Ala Met Ser Val Asp Arg Trp Tyr Val Thr
198          130         135         140
201 Val Phe Pro Leu Arg Ala Leu His Arg Arg Thr Pro Arg Leu Ala Leu
202 145         150         155         160
205 Ala Val Ser Leu Ser Ile Trp Val Gly Ser Ala Ala Val Ser Ala Pro
206          165         170         175
209 Val Leu Ala Leu His Arg Leu Ser Pro Gly Pro Arg Ala Tyr Cys Ser
210          180         185         190
213 Glu Ala Phe Pro Ser Arg Ala Leu Glu Arg Ala Phe Ala Leu Tyr Asn
214          195         200         205
217 Leu Leu Ala Leu Tyr Leu Leu Pro Leu Leu Ala Thr Cys Ala Cys Tyr
218          210         215         220
221 Ala Ala Met Leu Arg His Leu Gly Arg Val Ala Val Arg Pro Ala Pro
222 225         230         235         240
225 Ala Asp Ser Ala Leu Gln Gly Gln Val Leu Ala Glu Arg Ala Gly Ala
226          245         250         255
229 Val Arg Ala Lys Val Ser Arg Leu Val Ala Ala Val Val Leu Leu Phe
230          260         265         270
233 Ala Ala Cys Trp Gly Pro Ile Gln Leu Phe Leu Val Leu Gln Ala Leu
234          275         280         285
237 Gly Pro Ala Gly Ser Trp His Pro Arg Ser Tyr Ala Ala Tyr Ala Leu
238          290         295         300
241 Lys Thr Trp Ala His Cys Met Ser Tyr Ser Asn Ser Ala Leu Asn Pro
242 305         310         315         320
245 Leu Leu Tyr Ala Phe Leu Gly Ser His Phe Arg Gln Ala Phe Arg Arg
246          325         330         335
249 Val Cys Pro Cys Ala Pro Arg Arg Pro Arg Arg Pro Arg Arg Pro Gly
250          340         345         350
253 Pro Ser Asp Pro Ala Ala Pro His Ala Glu Leu His Arg Leu Gly Ser
254          355         360         365
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258          370         375         380
261 Ala Arg Gly Leu Cys Val Leu Gly Glu Asp Asn Ala Pro Leu
262 385         390         395
265 <210> SEQ ID NO: 5

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266 <211> LENGTH: 395

267 <212> TYPE: PRT

268. <213> ORGANISM: Rattus norvegicus

270 <400> SEQUENCE: 5

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277          20          25          30
280 Pro Gly Ser Ala Pro Arg Pro Leu Asp Ala Trp Leu Val Pro Leu Phe
281          35          40          45
284 Phe Ala Ala Leu Met Leu Leu Gly Leu Val Gly Asn Ser Leu Val Ile
285          50          55          60
288 Phe Val Ile Cys Arg His Lys His Met Gln Thr Val Thr Asn Phe Tyr
289 65          70          75          80
292 Ile Ala Asn Leu Ala Ala Thr Asp Val Thr Phe Leu Leu Cys Cys Val
293          85          90          95
296 Pro Phe Thr Ala Leu Leu Tyr Pro Leu Pro Thr Trp Val Leu Gly Asp
297          100         105         110
300 Phe Met Cys Lys Phe Val Asn Tyr Ile Gln Gln Val Ser Val Gln Ala
301          115         120         125
304 Thr Cys Ala Thr Leu Thr Ala Met Ser Val Asp Arg Trp Tyr Val Thr
305          130         135         140
308 Val Phe Pro Leu Arg Ala Leu His Arg Arg Thr Pro Arg Leu Ala Leu
309 145         150         155         160
312 Thr Val Ser Leu Ser Ile Trp Val Gly Ser Ala Ala Val Ser Ala Pro
313          165         170         175
316 Val Leu Ala Leu His Arg Leu Ser Pro Gly Pro His Thr Tyr Cys Ser
317          180         185         190
320 Glu Ala Phe Pro Ser Arg Ala Leu Glu Arg Ala Phe Ala Leu Tyr Asn
321          195         200         205
324 Leu Leu Ala Leu Tyr Leu Leu Pro Leu Leu Ala Thr Cys Ala Cys Tyr
325          210         215         220
328 Gly Ala Met Leu Arg His Leu Gly Arg Ala Ala Val Arg Pro Ala Pro
329 225         230         235         240
332 Thr Asp Gly Ala Leu Gln Gly Gln Leu Leu Ala Gln Arg Ala Gly Ala
333          245         250         255
336 Val Arg Thr Lys Val Ser Arg Leu Val Ala Ala Val Val Leu Leu Phe
337          260         265         270
340 Ala Ala Cys Trp Gly Pro Ile Gln Leu Phe Leu Val Leu Gln Ala Leu
341          275         280         285
344 Pro Leu Gly Gly Leu Ala Pro Ser Lys Leu Cys Ala Tyr Ala Leu Lys
345          290         295         300
348 Ile Trp Ala His Cys Met Ser Tyr Ser Asn Ser Ala Leu Asn Pro Leu
349 305         310         315         320
352 Leu Tyr Ala Phe Leu Gly Ser His Phe Arg Gln Ala Phe Cys Arg Val
353          325         330         335
356 Cys Pro Cys Gly Pro Gln Arg Gln Arg Pro His Ala Ser Ala His
357          340         345         350
360 Ser Asp Arg Ala Ala Pro His Ser Val Pro His Ser Arg Ala Ala His

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361          355          360          365
364 Pro Val Arg Val Arg Thr Pro Glu Pro Gly Asn Pro Val Val His Ser
365          370          375          380
368 Pro Ser Val Gln Asp Glu His Thr Ala Pro Leu
369 385          390          395
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373 <211> LENGTH: 396
374 <212> TYPE: PRT
375 <213> ORGANISM: Mus musculus
377 <400> SEQUENCE: 6
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383 Ser Asn Ala Ser Gly Cys Pro Gly Cys Gly Val Asn Ala Ser Asp Asp
384          20          25          30
387 Pro Gly Ser Ala Pro Arg Pro Leu Asp Ala Trp Leu Val Pro Leu Phe
388          35          40          45
391 Phe Ala Thr Leu Met Leu Leu Gly Leu Val Gly Asn Ser Leu Val Ile
392 50          55          60
395 Tyr Val Ile Cys Arg His Lys His Met Gln Thr Val Thr Asn Phe Tyr
396 65          70          75          80
399 Ile Ala Asn Leu Ala Ala Thr Asp Val Thr Phe Leu Leu Cys Cys Val
400          85          90          95
403 Pro Phe Thr Ala Leu Leu Tyr Pro Leu Pro Ala Trp Val Leu Gly Asp
404          100          105          110
407 Phe Met Cys Lys Phe Val Asn Tyr Ile Gln Gln Val Ser Val Gln Ala
408          115          120          125
411 Thr Cys Ala Thr Leu Thr Ala Met Ser Val Asp Arg Trp Tyr Val Thr
412          130          135          140
415 Val Phe Pro Leu Arg Ala Leu His Arg Arg Thr Pro Arg Leu Ala Leu
416 145          150          155          160
419 Ala Val Ser Leu Ser Ile Trp Val Gly Ser Ala Ala Val Ser Ala Pro
420          165          170          175
423 Val Leu Ala Leu His Arg Leu Ser Pro Gly Pro Arg Thr Tyr Cys Ser
424          180          185          190
427 Glu Ala Phe Pro Ser Arg Ala Leu Glu Arg Ala Phe Ala Leu Tyr Asn
428          195          200          205
431 Leu Leu Ala Leu Tyr Leu Leu Pro Leu Leu Ala Thr Cys Ala Cys Tyr
432          210          215          220
435 Gly Ala Met Leu Arg His Leu Gly Arg Ala Ala Val Arg Pro Ala Pro
436 225          230          235          240
439 Thr Asp Gly Ala Leu Gln Gly Gln Leu Leu Ala Gln Arg Ala Gly Ala
440          245          250          255
443 Val Arg Thr Lys Val Ser Arg Leu Val Ala Ala Val Val Leu Leu Phe
444          260          265          270
447 Ala Ala Cys Trp Gly Pro Ile Gln Leu Phe Leu Val Leu Gln Ala Leu
448          275          280          285
451 Gly Pro Ser Gly Ala Trp His Pro Arg Ser Tyr Ala Ala Tyr Ala Val
452          290          295          300
455 Lys Ile Trp Ala His Cys Met Ser Tyr Ser Asn Ser Ala Leu Asn Pro

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VERIFICATION SUMMARY

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Input Set : A:\PC25700A.ST25.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date